

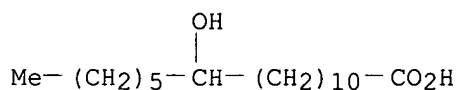
L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
AN 1989:198928 CAPLUS
DN 110:198928
TI Makeup sticks containing 12-hydroxysteric acid and esters
IN Yokota, Takashi; Fukukura, Itsuo
PA Kobayashi Kose Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 63119412	A2	19880524	JP 1986-264953	19861107 <--
PRAI	JP 1986-264953		19861107		

=> d ab

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
AB Cosmetic makeup sticks comprise 12-hydroxystearic acid, polyhydric alc.
esters of rosin, branched or unsatd. fatty acids with polyhydric alc.,
and
coloring agents. The makeup gives improved luster and allows good
dispersion of the color. A lipstick contained 12-hydroxystearic acid
17.0, pentaerythritol ester of rosin 17.0, Japan Red 202 1.0, castor oil
9.0, a perfume 0.2, an antioxidant 0.1, and diglyceryl dioleate to 100.0%
by wt.

L4 ANSWER 140 OF 147 REGISTRY COPYRIGHT 2003 ACS
 RN 3159-62-4 REGISTRY
 CN **Octadecanoic acid, 12-hydroxy-, calcium salt (2:1) (8CI, 9CI)**
 (CA INDEX NAME)
 OTHER NAMES:
 CN **12-Hydroxystearic acid calcium salt**
 CN Advastab CS 6
 CN **Calcium 12-hydroxyoctadecanoate**
 CN **Calcium 12-hydroxystearate**
 CN **Calcium di-12-hydroxystearate**
 CN Calcium hydroxystearate
 CN CS 6
 CN CS 600
 CN CS 600 (fatty acid)
 CN LIGA
 CN NF 12Ca
 DR 2087-08-3
 MF C18 H36 O3 . 1/2 Ca
 CI COM
 LC STN Files: CA, CAOLD, CAPLUS, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB,
 MSDS-OHS, PROMT, TOXCENTER, USPATFULL
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 CRN (106-14-9)



● 1/2 Ca

198 REFERENCES IN FILE CA (1962 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 198 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 141 OF 147 REGISTRY COPYRIGHT 2003 ACS
 RN 1330-70-7 REGISTRY
 CN **Octadecanoic acid, hydroxy- (7CI, 8CI, 9CI)** (CA INDEX NAME)
 OTHER NAMES:
 CN Cenwax A
 CN Edenor DSSG
 CN Hydroxyoctadecanoic acid
 CN **Hydroxystearic acid**
 CN **Hyfac 12**
 CN **Monohydroxystearic acid**
 MF C18 H36 O3
 CI IDS, COM
 LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,
 CAOLD,
 CAPLUS, CHEMCATS, CHEMLIST, CIN, EMBASE, ENCOMPLIT, ENCOMPLIT2,
 ENCOMPPAT, ENCOMPPAT2, IFICDB, IFIPAT, IFIUDB, NAPRALERT, PROMT,
 TOXCENTER, USPAT2, USPATFULL
 Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

HO₂C-(CH₂)₁₆-Me

D1-OH

231 REFERENCES IN FILE CA (1962 TO DATE)
59 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
231 REFERENCES IN FILE CAPLUS (1962 TO DATE)
11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 142 OF 147 REGISTRY COPYRIGHT 2003 ACS
RN 1323-43-9 REGISTRY
CN Octadecanoic acid, 12-hydroxy-, monoester with 1,2,3-propanetriol
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Glycerol, mono(12-hydroxyoctadecanoate) (8CI)
CN Octadecanoic acid, 12-hydroxy-, ester with glycerol (6CI, 7CI)
CN Octadecanoic acid, 12-hydroxy-, monoester with glycerol (8CI)

OTHER NAMES:

CN 12-Hydroxystearic acid monoglyceride
CN Glycerin mono-12-hydroxystearate
CN Glyceryl mono-12-hydroxystearate

CN NatureChem GMHS

CN Rikemal HC 100

CN Rikemal HC 200

CN Rilanit GMHS

CN Salacos 121

DR 211555-81-6

MF C21 H42 O5

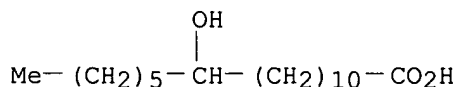
CI IDS, COM

LC STN Files: CA, CAOLD, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB,
TOXCENTER, USPATFULL

CM 1

CRN 106-14-9

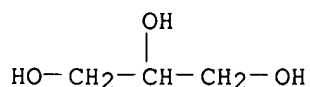
CMF C18 H36 O3



CM 2

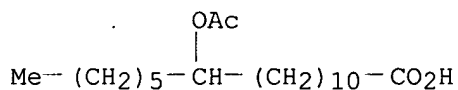
CRN 56-81-5

CMF C3 H8 O3



24 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 24 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

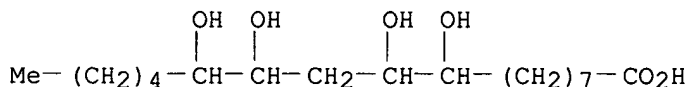
L4 ANSWER 143 OF 147 REGISTRY COPYRIGHT 2003 ACS
 RN 1069-92-7 REGISTRY
 CN **Octadecanoic acid, 12-(acetyloxy)- (9CI)** (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN **Octadecanoic acid, 12-hydroxy-, acetate (6CI, 7CI, 8CI)**
 OTHER NAMES:
 CN **12-Acetoxystearic acid**
 CN **12-Hydroxystearic acid acetate**
 MF C20 H38 O4
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, TOXCENTER, USPAT2,
 USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

14 REFERENCES IN FILE CA (1962 TO DATE)
 14 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

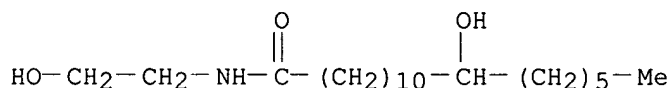
L4 ANSWER 144 OF 147 REGISTRY COPYRIGHT 2003 ACS
 RN 541-82-2 REGISTRY
 CN **Octadecanoic acid, 9,10,12,13-tetrahydroxy- (6CI, 7CI, 8CI, 9CI)**
 (CA INDEX NAME)
 OTHER NAMES:
 CN **9,10,12,13-Tetrahydroxyoctadecanoic acid**
 CN **9,10,12,13-Tetrahydroxystearic acid**
 CN **Sativic acid**
 FS 3D CONCORD
 DR 13980-20-6, 3917-65-5
 MF C18 H36 O6
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, NAPRALERT, TOXCENTER
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

18 REFERENCES IN FILE CA (1962 TO DATE)
 18 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

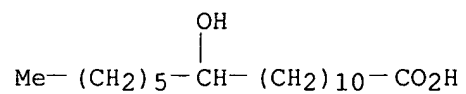
CN Itohwax J 420
 CN J 420
 CN Paricin 220
 FS 3D CONCORD
 DR 163387-30-2
 MF C20 H41 N O3
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSChem, IFICDB, IFIPAT, IFIUDb, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

41 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 41 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 147 OF 147 REGISTRY COPYRIGHT 2003 ACS
 RN 106-14-9 REGISTRY
 CN **Octadecanoic acid, 12-hydroxy-** (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **12-HSA**
 CN **12-Hydroxyoctadecanoic acid**
 CN **12-Hydroxystearic acid**
 CN Barolub FTO
 CN Cerit Fac 3
 CN Ceroxin GL
 CN **DL-12-Hydroxyoctadecanoic acid**
 CN **DL-12-Hydroxystearic acid**
 CN G 21
 CN Harwax A
 CN Hoctol A
 CN HSIM 160
 CN Hydrofol Acid 200
 CN Hydroxystearin R
 CN KOW
 CN Loxiol G 21
 CN Solsperse 2000
 FS 3D CONCORD
 DR 8039-23-4, 36377-33-0, 78642-86-1
 MF C18 H36 O3
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSChem, DETHERM*, EMBASE, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDb, MSDS-OHS, NAPRALERT, NIOSHTIC, PROMT, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1138 REFERENCES IN FILE CA (1962 TO DATE)
238 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1138 REFERENCES IN FILE CAPLUS (1962 TO DATE)
12 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

```

=> s hydroxystearic acid
      0 HYDOXYSTEARIC
      5866626 ACID
      8231 ACIDS
      5872710 ACID
            (ACID OR ACIDS)
L1      0 HYDOXYSTEARIC ACID
            (HYDOXYSTEARIC (W) ACID)

=> s hydroxy stearic acid
      7 HYDOXY
      2294 STEARIC
      5866626 ACID
      8231 ACIDS
      5872710 ACID
            (ACID OR ACIDS)
L2      0 HYDOXY STEARIC ACID
            (HYDOXY (W) STEARIC (W) ACID)

=> s hydroxy stearic acid
      2717603 HYDROXY
      2294 STEARIC
      5866626 ACID
      8231 ACIDS
      5872710 ACID
            (ACID OR ACIDS)
L3      212 HYDROXY STEARIC ACID
            (HYDROXY (W) STEARIC (W) ACID)

```

```

=> s hydroxy stearic acid and 12
      2717603 HYDROXY
      2294 STEARIC
      5866626 ACID
      8231 ACIDS
      5872710 ACID
            (ACID OR ACIDS)
      212 HYDROXY STEARIC ACID
            (HYDROXY (W) STEARIC (W) ACID)
      637053 12
L4      147 HYDROXY STEARIC ACID AND 12

```

```

=> s hydroxy 12 stearic acid
      2717603 HYDROXY
      637053 12
      2294 STEARIC
      5866626 ACID
      8231 ACIDS
      5872710 ACID
            (ACID OR ACIDS)
L5      0 HYDROXY 12 STEARIC ACID
            (HYDROXY (W) 12 (W) STEARIC (W) ACID)

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=> d 14 147

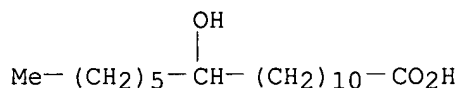
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L4  ANSWER 147 OF 147  REGISTRY  COPYRIGHT 2003 ACS
RN  106-14-9  REGISTRY
CN  Octadecanoic acid, 12-hydroxy- (8CI, 9CI)  (CA INDEX NAME)
OTHER NAMES:
CN  12-HSA
CN  12-Hydroxyoctadecanoic acid

```


CN 12-Hydroxystearic acid
 CN Barolub FTO
 CN Cerit Fac 3
 CN Ceroxin GL
 CN DL-12-Hydroxyoctadecanoic acid
 CN DL-12-Hydroxystearic acid
 CN G 21
 CN Harwax A
 CN Hoctol A
 CN HSIM 160
 CN Hydrofol Acid 200
 CN Hydroxystearin R
 CN KOW
 CN Loxiol G 21
 CN Solsperse 2000
 FS 3D CONCORD
 DR 8039-23-4, 36377-33-0, 78642-86-1
 MF C18 H36 O3
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN,
 CSCHM, DETHERM*, EMBASE, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB,
 MSDS-OHS, NAPRALERT, NIOSHTIC, PROMT, RTECS*, SPECINFO, TOXCENTER,
 USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

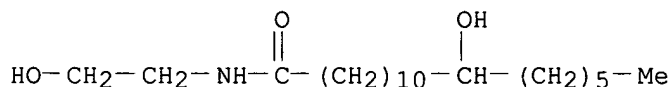
1138 REFERENCES IN FILE CA (1962 TO DATE)
 238 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1138 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 12 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 146
 L5 HAS NO ANSWERS
 L5 0 SEA FILE=REGISTRY ABB=ON PLU=ON HYDROXY 12 STEARIC ACID

=> d 14 146

L4 ANSWER 146 OF 147 REGISTRY COPYRIGHT 2003 ACS
 RN 106-15-0 REGISTRY
 CN Octadecanamide, 12-hydroxy-N-(2-hydroxyethyl)- (6CI, 8CI, 9CI)
 (CA INDEX NAME)
 OTHER NAMES:
 CN 12-Hydroxy-N-(2-hydroxyethyl)octadecanamide
 CN 12-Hydroxy-N-(2-hydroxyethyl)stearamide
 CN Hydroxystearic acid monoethanolamide
 CN Itohax J 420
 CN J 420

CN Paricin 220
 FS 3D CONCORD
 DR 163387-30-2
 MF C20 H41 N O3
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSCHM,
 IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

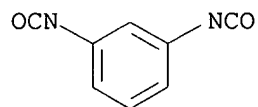
41 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 41 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s 14 and poly
 911185 POLY
 L6 119 L4 AND POLY

=> d 16 119

L6 ANSWER 119 OF 119 REGISTRY COPYRIGHT 2003 ACS
 RN 9071-30-1 REGISTRY
 CN **Octadecanoic acid, 12-hydroxy-, polymer with 1,3-diisocyanatomethylbenzene, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and 2-oxepanone (9CI) (CA INDEX NAME)**
 OTHER CA INDEX NAMES:
 CN 1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-, polymer with 1,3-diisocyanatomethylbenzene, 12-hydroxyoctadecanoic acid and 2-oxepanone (9CI)
 CN 2-Oxepanone, polymer with 1,3-diisocyanatomethylbenzene, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and 12-hydroxyoctadecanoic acid (9CI)
 CN Benzene, 1,3-diisocyanatomethyl-, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol, 12-hydroxyoctadecanoic acid and 2-oxepanone (9CI)
 OTHER NAMES:
 CN .epsilon.-Caprolactone-12-hydroxystearic acid-tolyene diisocyanate-trimethylolpane polymer
 MF (C18 H36 O3 . C9 H6 N2 O2 . C6 H14 O3 . C6 H10 O2)x
 CI PMS
 PCT Polyester, Polyester formed, Polyurethane, Polyurethane formed
 LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL
 CM 1
 CRN 26471-62-5
 CMF C9 H6 N2 O2

CCI IDS

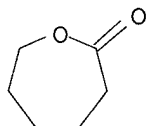


D1-Me

CM 2

CRN 502-44-3

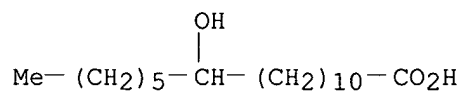
CMF C6 H10 O2



CM 3

CRN 106-14-9

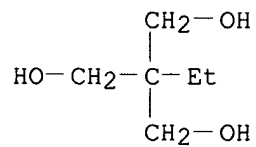
CMF C18 H36 O3



CM 4

CRN 77-99-6

CMF C6 H14 O3



1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> d 116 115

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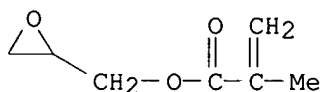
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=> d 16 115

L6 ANSWER 115 OF 119 REGISTRY COPYRIGHT 2003 ACS
RN 26656-99-5 REGISTRY
CN Octadecanoic acid, 12-hydroxy-, polymer with methyl
2-methyl-2-propenoate and oxiranylmethyl 2-methyl-2-propenoate (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with
12-hydroxyoctadecanoic acid and oxiranylmethyl 2-methyl-2-propenoate
(9CI)
CN 2-Propenoic acid, 2-methyl-, oxiranylmethyl ester, polymer with
12-hydroxyoctadecanoic acid and methyl 2-methyl-2-propenoate (9CI)
CN Methacrylic acid methyl ester, polymer with 2,3-epoxypropyl
methacrylate and 12-hydroxyoctadecanoic acid (8CI)
CN Methacrylic acid, 2,3-epoxypropyl ester, polymer with
12-hydroxyoctadecanoic acid and methyl methacrylate (8CI)
CN Octadecanoic acid, 12-hydroxy-, polymer with 2,3-epoxypropyl
methacrylate and methyl methacrylate (8CI)
OTHER NAMES:
CN Glycidyl methacrylate-12-hydroxystearic acid-methyl methacrylate
copolymer
CN Glycidyl methacrylate-12-hydroxystearic acid-methyl methacrylate
polymer
MF (C18 H36 O3 . C7 H10 O3 . C5 H8 O2)x
CI PMS, COM
PCT Polyacrylic, Polyester, Polyester formed
LC STN Files: CA, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB, TOXCENTER,
USPATFULL
Other Sources: DSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

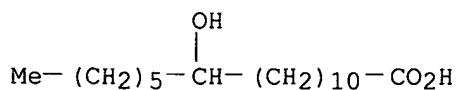
CM 1

CRN 106-91-2
CMF C7 H10 O3



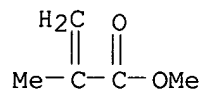
CM 2

CRN 106-14-9
CMF C18 H36 O3



CM 3

CRN 80-62-6
CMF C5 H8 O2



16 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
16 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s poly hydroxy stearic acid

911185 POLY
2717603 HYDROXY
0 STERAC
5866626 ACID
8231 ACIDS
5872710 ACID

(ACID OR ACIDS)

L7 0 POLY HYDROXY STERAC ACID
(POLY(W) HYDROXY(W) STERAC(W) ACID)

=> d his

(FILE 'HOME' ENTERED AT 17:27:35 ON 17 APR 2003)

FILE 'REGISTRY' ENTERED AT 17:27:45 ON 17 APR 2003

L1 0 S HYDROXYSTEARIC ACID
L2 0 S HYDROXY STEARIC ACID
L3 212 S HYDROXY STEARIC ACID
L4 147 S HYDROXY STEARIC ACID AND 12
L5 0 S HYDROXY 12 STEARIC ACID
L6 119 S L4 AND POLY
L7 0 S POLY HYDROXY STERAC ACID

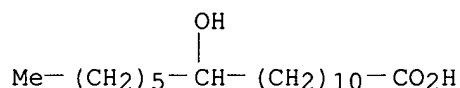
=> d 14 140-147

L4 ANSWER 140 OF 147 REGISTRY COPYRIGHT 2003 ACS
RN 3159-62-4 REGISTRY
CN **Octadecanoic acid, 12-hydroxy-, calcium salt (2:1) (8CI, 9CI)**
(CA INDEX NAME)

OTHER NAMES:

CN **12-Hydroxystearic acid calcium salt**
CN Advastab CS 6
CN **Calcium 12-hydroxyoctadecanoate**
CN **Calcium 12-hydroxystearate**
CN **Calcium di-12-hydroxystearate**
CN Calcium hydroxystearate
CN CS 6
CN CS 600
CN CS 600 (fatty acid)
CN LIGA
CN NF 12Ca
DR 2087-08-3
MF C18 H36 O3 . 1/2 Ca
CI COM

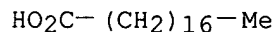
LC STN Files: CA, CAOLD, CAPLUS, CHEMLIST, CSChem, IFICDB, IFIPAT, IFIUDb,
MSDS-OHS, PROMT, TOXCENTER, USPATFULL
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)
CRN (106-14-9)



● 1/2 Ca

198 REFERENCES IN FILE CA (1962 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
198 REFERENCES IN FILE CAPLUS (1962 TO DATE)
9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 141 OF 147 REGISTRY COPYRIGHT 2003 ACS
RN 1330-70-7 REGISTRY
CN Octadecanoic acid, hydroxy- (7CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN Cenwax A
CN Edenor DSSG
CN Hydroxyoctadecanoic acid
CN **Hydroxystearic acid**
CN **Hyfac 12**
CN **Monohydroxystearic acid**
MF C18 H36 O3
CI IDS, COM
LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA,
CAOLD,
CAPLUS, CHEMCATS, CHEMLIST, CIN, EMBASE, ENCOMPLIT, ENCOMPLIT2,
ENCOMPPAT, ENCOMPPAT2, IFICDB, IFIPAT, IFIUDb, NAPRALERT, PROMT,
TOXCENTER, USPAT2, USPATFULL
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



D1-OH

231 REFERENCES IN FILE CA (1962 TO DATE)
59 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
231 REFERENCES IN FILE CAPLUS (1962 TO DATE)
11 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 142 OF 147 REGISTRY COPYRIGHT 2003 ACS
RN 1323-43-9 REGISTRY
CN **Octadecanoic acid, 12-hydroxy-, monoester with 1,2,3-propanetriol**
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

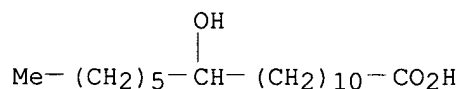
CN Glycerol, mono(12-hydroxyoctadecanoate) (8CI)
CN Octadecanoic acid, 12-hydroxy-, ester with glycerol (6CI, 7CI)
CN Octadecanoic acid, 12-hydroxy-, monoester with glycerol (8CI)

OTHER NAMES:

CN 12-Hydroxystearic acid monoglyceride
CN Glycerin mono-12-hydroxystearate
CN Glyceryl mono-12-hydroxystearate
CN NatureChem GMHS
CN Rikemal HC 100
CN Rikemal HC 200
CN Rilanit GMHS
CN Salacos 121
DR 211555-81-6
MF C21 H42 O5
CI IDS, COM
LC STN Files: CA, CAOLD, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB,
TOXCENTER, USPATFULL

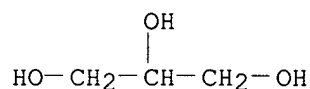
CM 1

CRN 106-14-9
CMF C18 H36 O3



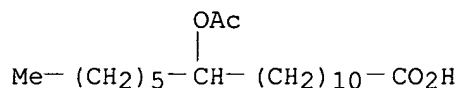
CM 2

CRN 56-81-5
CMF C3 H8 O3



24 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
24 REFERENCES IN FILE CAPLUS (1962 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

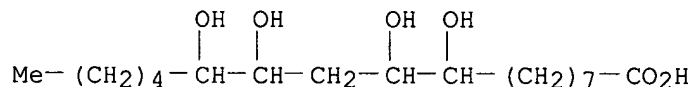
L4 ANSWER 143 OF 147 REGISTRY COPYRIGHT 2003 ACS
RN 1069-92-7 REGISTRY
CN Octadecanoic acid, 12-(acetyloxy)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Octadecanoic acid, 12-hydroxy-, acetate (6CI, 7CI, 8CI)
OTHER NAMES:
CN 12-Acetoxystearic acid
CN 12-Hydroxystearic acid acetate
MF C20 H38 O4
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, TOXCENTER, USPAT2,
USPATFULL
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

14 REFERENCES IN FILE CA (1962 TO DATE)
 14 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 144 OF 147 REGISTRY COPYRIGHT 2003 ACS
 RN 541-82-2 REGISTRY
 CN **Octadecanoic acid, 9,10,12,13-tetrahydroxy-** (6CI, 7CI, 8CI, 9CI)
 (CA INDEX NAME)
 OTHER NAMES:
 CN **9,10,12,13-Tetrahydroxyoctadecanoic acid**
 CN **9,10,12,13-Tetrahydroxystearic acid**
 CN Sativic acid
 FS 3D CONCORD
 DR 13980-20-6, 3917-65-5
 MF C18 H36 O6
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, NAPRALERT, TOXCENTER
 (*File contains numerically searchable property data)

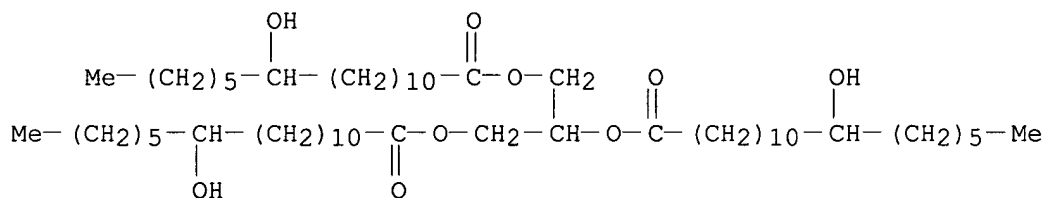


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

18 REFERENCES IN FILE CA (1962 TO DATE)
 18 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 145 OF 147 REGISTRY COPYRIGHT 2003 ACS
 RN 139-44-6 REGISTRY
 CN **Octadecanoic acid, 12-hydroxy-, 1,2,3-propanetriyl ester** (8CI, 9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN **Glycerol, tris(12-hydroxyoctadecanoate)** (8CI)
 CN **Octadecanoic acid, 12-hydroxy-, triester with glycerol** (6CI, 7CI)
 OTHER NAMES:
 CN **12-Hydroxystearic acid triglyceride**
 CN Cutina BW
 CN Flowtone R
 CN **Glycerine tris(12-hydroxystearate)**
 CN **Glycerol 12-hydroxystearate**
 CN **Glycerol tris(12-hydroxystearate)**
 CN **Glyceryl tris(12-hydroxystearate)**
 CN K 3
 CN K 3 (wax)
 CN K 3 Wax 200

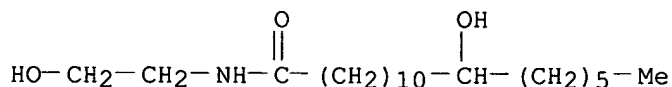
CN Kao Wax 85
 CN Kao Wax 85P
 CN **Rikemal TG 12**
 CN Thixcin R
 CN **Tri-12-hydroxystearin**
 CN Trihydroxystearin
 FS 3D CONCORD
 DR 38264-86-7, 400628-60-6
 MF C57 H110 O9
 CI COM
 LC STN Files: AQUIRE, BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CHEMLIST, CSChem, IFICDB, IFIPAT, IFIUDB, PROMT, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

190 REFERENCES IN FILE CA (1962 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 190 REFERENCES IN FILE CAPLUS (1962 TO DATE)
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

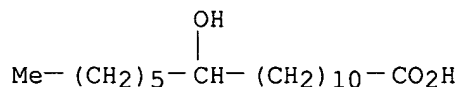
L4 ANSWER 146 OF 147 REGISTRY COPYRIGHT 2003 ACS
 RN 106-15-0 REGISTRY
 CN **Octadecanamide, 12-hydroxy-N-(2-hydroxyethyl)- (6CI, 8CI, 9CI)**
 (CA INDEX NAME)
 OTHER NAMES:
 CN **12-Hydroxy-N-(2-hydroxyethyl)octadecanamide**
 CN **12-Hydroxy-N-(2-hydroxyethyl)stearamide**
 CN **Hydroxystearic acid monoethanolamide**
 CN Itohwx J 420
 CN J 420
 CN Paricin 220
 FS 3D CONCORD
 DR 163387-30-2
 MF C20 H41 N O3
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSChem, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

41 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
41 REFERENCES IN FILE CAPLUS (1962 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 147 OF 147 REGISTRY COPYRIGHT 2003 ACS
RN 106-14-9 REGISTRY
CN **Octadecanoic acid, 12-hydroxy- (8CI, 9CI)** (CA INDEX NAME)
OTHER NAMES:
CN **12-HSA**
CN **12-Hydroxyoctadecanoic acid**
CN **12-Hydroxystearic acid**
CN Barolub FTO
CN Cerit Fac 3
CN Ceroxin GL
CN **DL-12-Hydroxyoctadecanoic acid**
CN **DL-12-Hydroxystearic acid**
CN G 21
CN Harwax A
CN Hoctol A
CN HSIM 160
CN Hydrofol Acid 200
CN Hydroxystearin R
CN KOW
CN Loxiol G 21
CN Solsperse 2000
FS 3D CONCORD
DR 8039-23-4, 36377-33-0, 78642-86-1
MF C18 H36 O3
CI COM
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, DETHERM*, EMBASE, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, NAPRALERT, NIOSHTIC, PROMT, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1138 REFERENCES IN FILE CA (1962 TO DATE)
238 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1138 REFERENCES IN FILE CAPLUS (1962 TO DATE)
12 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> fil caplus uspatfull
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

111.98

112.19

FILE 'CAPLUS' ENTERED AT 17:32:20 ON 17 APR 2003
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FILE 'USPATFULL' ENTERED AT 17:32:20 ON 17 APR 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 106-14-0/rn
L8 0 106-14-0/RN

=> s 106-14-9/rn
L9 1149 106-14-9/RN

=> s l9 and cosmetic
L10 172 L9 AND COSMETIC

=> s l10 and lipstick
L11 34 L10 AND LIPSTICK

=> s l11 and py<2000
L12 12 L11 AND PY<2000

=> dup rem l12
PROCESSING COMPLETED FOR L12
L13 12 DUP REM L12 (0 DUPLICATES REMOVED)

=> d l13 1-12

L13 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1998:479389 CAPLUS
DN 129:99841
TI Gel compositions containing gellants in the form of alkyl amides of
tri-carboxylic acids
IN Guskey, Gerald John; Swaile, David Frederick
PA Procter & Gamble Co., USA
SO PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9827948	A1	19980702	WO 1997-US22953	19971205 <--
	W: AU, BR, CA, CN, JP, MX				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	US 6190673	B1	20010220	US 1996-771090	19961220
	AU 9857003	A1	19980717	AU 1998-57003	19971205 <--
	EP 952812	A1	19991103	EP 1997-953202	19971205 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,				
FI	CN 1245421	A	20000223	CN 1997-181570	19971205
	BR 9714163	A	20000425	BR 1997-14163	19971205
	JP 2001507068	T2	20010529	JP 1998-528856	19971205
PRAI	US 1996-771090	A	19961220		
	WO 1997-US22953	W	19971205		
OS	MARPAT 129:99841				

L13 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1998:253090 CAPLUS
DN 128:312745
TI **Cosmetic** stick preparations
IN Ansmann, Achim; Kawa, Rolf; Gondek, Helga
PA Henkel K.-G.a.A., Germany
SO Ger. Offen., 6 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE.FORMAT

L13 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1997:508250 CAPLUS
DN 127:195254
TI **Cosmetic** makeup compositions in a solid form
IN Ikeda, Tomoko; Aizawa, Masanori
PA Shiseido Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 18 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

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L13 ANSWER 4 OF 12 USPATFULL
AN 97:15815 USPATFULL
TI Method of preparing sunscreens
IN Tapley, Carole A. M., Cleveland, England
PA Tioxide Specialties Limited, United Kingdom (non-U.S. corporation)
PI US 5605652 19970225 <--
AI US 1995-459704 19950602 (8)
RLI Division of Ser. No. US 1992-953265, filed on 30 Sep 1992
PRAI GB 1991-21153 19911004
DT Utility
FS Granted
```

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LN.CNT 519
INCL    INCLM: 252/313.100
        INCLS: 106/436.000; 252/315.400; 424/059.000; 424/060.000; 514/772.000;
        514/784.000; 514/785.000
NCL     NCLM: 424/059.000
        NCLS: 106/436.000; 424/060.000; 514/772.000; 514/784.000; 514/785.000;
        516/033.000
IC      [6]
        ICM: B01J013-00
        ICS: C09C001-36; A61K007-42
EXF     424/59; 424/60; 252/313.1; 252/315.4; 106/436; 106/442; 514/772;
        514/784; 514/785; 514/786

```

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 5 OF 12 USPATFULL
AN 96:103727 USPATFULL
TI Method of preparing sunscreens
IN Tapley, Carole A. M., Stockton on Tees, Great Britain
PA Tioxide Specialties Limited, United Kingdom (non-U.S. corporation)
Tioxide House, United Kingdom (non-U.S. corporation)
PI US 5573753 19961112 <--
AI US 1992-953265 19920930 (7)
PRAI GB 1991-21153 19911004
DT Utility
FS Granted
LN.CNT 611
INCL INCLM: 424/059.000
INCLS: 424/060.000; 424/063.000; 424/064.000; 514/937.000; 514/938.000
NCL NCLM: 424/059.000
NCLS: 424/060.000; 424/063.000; 424/064.000; 514/937.000; 514/938.000
IC [6]
ICM: A61K007-42
ICS: A61K007-40; A61K007-021; A61K007-025
EXF 424/59

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1992:455677 CAPLUS
DN 117:55677
TI Transparent solid **cosmetics** containing 12-hydroxystearic acid,
oils, and fatty acid esters
IN Kato, Tooru
PA Kanebo K. K., Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 04091011	A2	19920324	JP 1990-209544	19900807 <--
	JP 2942320	B2	19990830		
PRAI	JP 1990-209544		19900807		

L13 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2003 ACS
AN 1992:455676 CAPLUS
DN 117:55676
TI Transparent solid **cosmetics** containing 12-hydroxystearic acid,
oils, and siloxanes
IN Kato, Tooru
PA Kanebo K. K., Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 04091010	A2	19920324	JP 1990-209543	19900807 <--
PRAI	JP 1990-209543		19900807		

L13 ANSWER 8 OF 12 USPATFULL

AN 92:23030 USPATFULL
 TI Fiber treatment process utilizing silanol waxes
 IN O'Lenick, Jr., Anthony J., Lilburn, GA, United States
 PA Siltech Inc., Norcross, GA, United States (U.S. corporation)
 PI US 5098746 19920324 <--
 AI US 1991-681728 19910408 (7)
 RLI Continuation-in-part of Ser. No. US 1990-470224, filed on 25 Jan 1990,
 now patented, Pat. No. US 5051489
 DT Utility
 FS Granted
 LN.CNT 407
 INCL INCLM: 427/387.000
 INCLS: 424/070.000; 424/059.000; 427/389.000; 427/389.900; 427/391.000;
 428/446.000; 428/484.000
 NCL NCLM: 427/387.000
 NCLS: 424/059.000; 424/070.120; 427/389.000; 427/389.900; 427/391.000;
 428/446.000; 428/484.000
 IC [5]
 ICM: B05D003-02
 EXF 424/78; 427/387; 427/389; 427/389.9; 427/391; 428/447; 428/452;
 428/446;
 428/484

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:198928 CAPLUS
 DN 110:198928
 TI Makeup sticks containing 12-hydroxysteric acid and esters
 IN Yokota, Takashi; Fukukura, Itsuo
 PA Kobayashi Kose Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63119412	A2	19880524	JP 1986-264953	19861107 <--
PRAI	JP 1986-264953		19861107		

L13 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:198929 CAPLUS
 DN 110:198929
 TI Transparent solid **cosmetic** compositions containing esters and
 12-hydroxystearic acid
 IN Yokota, Takashi; Fukukura, Itsuo
 PA Kobayashi Kose Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63119405	A2	19880524	JP 1986-262942	19861105 <--
	JP 06096488	B4	19941130		
PRAI	JP 1986-262942		19861105		

L13 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2003 ACS
 AN 1985:583390 CAPLUS

DN 103:183390
TI Dye stabilizers
PA Shiraichi, Tadao, Japan
SO Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	JP 60120806	A2	19850628	JP 1983-228151	19831201 <--
	JP 05082366	B4	19931118		
PRAI	JP 1983-228151		19831201		

L13 ANSWER 12 OF 12 USPATFULL

AN 83:25049 USPATFULL

TI Esterification reaction products and **cosmetics** containing same

IN Yamada, Osamu, Yokohama, Japan

Higaki, Yuzo, Machida, Japan

Ukai, Akitoshi, Yokohama, Japan

PA The Nisshin Oil Mills, Limited, Tokyo, Japan (non-U.S. corporation)

PI US 4389346 19830621 <--

AI US 1981-235405 19810218 (6)

PRAI JP 1980-17761 19800218

DT Utility

FS Granted

LN.CNT 428

INCL INCLM: 260/410.700

INCLS: 260/104.000; 424/063.000; 424/064.000; 424/069.000; 424/070.000

NCL NCLM: 424/063.000

NCLS: 424/064.000; 424/069.000; 424/070.100; 530/218.000

IC [3]

ICM: C11C003-02

EXF 260/104; 260/410.7; 260/410.6; 424/63; 424/64; 424/69; 424/70

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d l13 11 ab

L13 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2003 ACS

AB Dipentaerythritol tetra-12-hydroxystearate [98914-74-0],
dipentaerythritol sesquisteate, dipentaerythritol hemirosin acid ester
mixts. prepd. from treatment of a mixt. of 12-hydroxystearic acid [106-14-9],
stearic acid [57-11-4], and rosin acids with
dipentaerythritol [126-58-9] are stabilizers for colors. Thus, a rouge
contg. talc 62.5, kaolin 20.0, TiO₂ 4.0, zinc stearate 5.0, corn starch
5.0, Red color no. 202 1.5, Orange color no 201 0.9, Blue color no. 1

0.6,

and the stabilizer 0.5 was stable at 40.degree. and 75% relative humidity
for up to 100 days. Toxicol. properties of the stabilizer were detd.

=> d l13 11 all

L13 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2003 ACS

AN 1985:583390 CAPLUS

DN 103:183390

TI Dye stabilizers

PA Shiraichi, Tadao, Japan

SO Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF
 DT Patent
 LA Japanese
 ICM A61K007-00
 ICS A61K007-50
 ICA A61K047-00
 CC 62-4 (Essential Oils and Cosmetics)
 Section cross-reference(s): 17, 63
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60120806	A2	19850628	JP 1983-228151	19831201 <--
	JP 05082366	B4	19931118		
PRAI	JP 1983-228151		19831201		

AB Dipentaerythritol tetra-12-hydroxystearate [98914-74-0], dipentaerythritol sesquisteate, dipentaerythritol hemirosin acid ester mixts. prepd. from treatment of a mixt. of 12-hydroxystearic acid [106-14-9], stearic acid [57-11-4], and rosin acids with dipentaerythritol [126-58-9] are stabilizers for colors. Thus, a rouge contg. talc 62.5, kaolin 20.0, TiO2 4.0, zinc stearate 5.0, corn starch 5.0, Red color no. 202 1.5, Orange color no 201 0.9, Blue color no. 1

0.6, and the stabilizer 0.5 was stable at 40.degree. and 75% relative humidity for up to 100 days. Toxicol. properties of the stabilizer were detd.

ST color stabilizer **cosmetic** dipentaerythritol ester

IT **Cosmetics**

Pharmaceuticals

(coloring agents for, stabilizers for, dipentaerythritol esters as)

IT Resin acids and Rosin acids

RL: BIOL (Biological study)

(dipentaerythritol esters, as color stabilizers, for **cosmetics**)

IT Stabilizing agents

(dipentaerythritol esters, for **cosmetics**)

IT Coloring materials

(stabilizers for, for **cosmetics** and pharmaceuticals, dipentaerythritol esters as)

IT **Cosmetics**

(lipsticks, coloring agents for, stabilizers for, dipentaerythritol esters as)

IT **Cosmetics**

(rouges, coloring agents for, stabilizers for, dipentaerythritol esters as)

IT 98914-74-0

RL: BIOL (Biological study)

(as color stabilizer, for **cosmetics**)

IT 126-58-9D, esters

RL: BIOL (Biological study)

(as color stabilizers, for **cosmetics**)

IT 126-58-9

RL: RCT (Reactant); RACT (Reactant or reagent) (etherification of, with carboxylic acid)

IT 57-11-4, biological studies 106-14-9

RL: RCT (Reactant); RACT (Reactant or reagent) (etherification of, with dipentaerythritol)

=>

L13 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2003 ACS

AN 1985:583390 CAPLUS

DN 103:183390

TI Dye stabilizers

PA Shiraichi, Tadao, Japan

SO Jpn. Kokai Tokkyo Koho, 11 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM A61K007-00

ICS A61K007-50

ICA A61K047-00

CC 62-4 (Essential Oils and Cosmetics)

Section cross-reference(s): 17, 63

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60120806	A2	19850628	JP 1983-228151	19831201 <--
	JP 05082366	B4	19931118		
PRAI	JP 1983-228151		19831201		

AB Dipentaerythritol tetra-12-hydroxystearate [98914-74-0], dipentaerythritol sesquisteate, dipentaerythritol hemirosin acid ester mixts. prepd. from treatment of a mixt. of 12-hydroxystearic acid [106-14-9], stearic acid [57-11-4], and rosin acids with dipentaerythritol [126-58-9] are stabilizers for colors. Thus, a rouge contg. talc 62.5, kaolin 20.0, TiO₂ 4.0, zinc stearate 5.0, corn starch 5.0, Red color no. 202 1.5, Orange color no 201 0.9, Blue color no. 1

0.6,

and the stabilizer 0.5 was stable at 40.degree. and 75% relative humidity for up to 100 days. Toxicol. properties of the stabilizer were detd.

ST color stabilizer **cosmetic** dipentaerythritol ester

IT **Cosmetics**

Pharmaceuticals

(coloring agents for, stabilizers for, dipentaerythritol esters as)

IT Resin acids and Rosin acids

RL: BIOL (Biological study)

(dipentaerythritol esters, as color stabilizers, for **cosmetics**)

IT Stabilizing agents

(dipentaerythritol esters, for **cosmetics**)

IT Coloring materials

(stabilizers for, for **cosmetics** and pharmaceuticals, dipentaerythritol esters as)

IT **Cosmetics**

(lipsticks, coloring agents for, stabilizers for, dipentaerythritol esters as)

IT **Cosmetics**

(rouges, coloring agents for, stabilizers for, dipentaerythritol esters as)

IT 98914-74-0

RL: BIOL (Biological study)

(as color stabilizer, for **cosmetics**)

IT 126-58-9D, esters

RL: BIOL (Biological study)

(as color stabilizers, for **cosmetics**)

IT 126-58-9

RL: RCT (Reactant); RACT (Reactant or reagent)
(etherification of, with carboxylic acid)

IT 57-11-4, biological studies 106-14-9

RL: RCT (Reactant); RACT (Reactant or reagent)
(etherification of, with dipentaerythritol)

=>